

IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (Currently Amended) An electrolyte comprising:

~~_____ a precipitate which is formed when depositing metal on a metal sheet in an electrolytic solution containing~~

~~_____ a solvent;~~

~~_____ a lithium electrolyte salt;~~

~~_____ an aromatic compound having at least one kind from having at least one component selected from the group consisting of a hydroxyl group and a group in which hydrogen in a hydroxyl group is substituted with an alkali metal; and~~

~~, the metal sheet not containing the metal to be deposited~~

~~_____ a precipitate film of the aromatic compound,~~

~~_____ wherein,~~

~~_____ the precipitate film is formed on a metal lithium layer on an electrode from the aromatic compound when the electrolyte is subjected to battery charging conditions, the precipitate film being distinct from the metal lithium layer which also is formed during a battery charging process.~~

~~_____ the aromatic compound has at least one first component selected from the group consisting of a hydroxyl group and a group in which hydrogen in a hydroxyl group is substituted with an alkali metal, and has at least one second component selected from the group consisting of a hydrogen atom and an alkyl group having a carbon number of 1 to 10.~~

~~_____ the first component is bonded to an aromatic ring at each of two positions where hydrogen atoms are bondable, and~~

~~_____ the second component is bonded to an aromatic ring at each of the remaining positions where hydrogen atoms are bondable.~~

2. (Cancelled)

3. (Withdrawn) An anode comprising:

a metal sheet which is a precipitation substrate for depositing metal and does not contain the metal to be deposited; and

a precipitation film made of a precipitate which is formed when depositing the metal on the metal sheet in an electrolytic solution containing an aromatic compound having at least one kind from a hydroxyl group and a group in which hydrogen in a hydroxyl group is substituted with an alkali metal.

4. (Withdrawn) An anode according to claim 3, wherein the aromatic compound has at least one kind from the group consisting of a hydroxyl group and a group in which hydrogen in a hydroxyl group is substituted with an alkali metal, and has at least one kind from the group consisting of a hydrogen atom and an alkyl group having a carbon number of 1 to 10,

the former kind being bonded to aromatic ring at each of two positions where hydrogen atoms are bondable,

the latter kind being bonded to aromatic ring at each of the remaining positions where hydrogen atoms are bondable.

5. (Withdrawn) An anode according to claim 3, wherein the metal to be deposited is lithium (Li).

6. (Withdrawn) A battery comprising:

a cathode;

an anode; and

an electrolyte,

wherein the electrolyte has a precipitate which is formed when depositing metal on a metal sheet in an electrolytic solution containing an aromatic compound having at least one kind from a hydroxyl group and a group in which hydrogen in a hydroxyl group

is substituted with an alkali metal,
the metal sheet not containing the metal to be deposited.

7. (Withdrawn) A battery according to claim 6, wherein the aromatic compound has at least one kind from the group consisting of a hydroxyl group and a group in which hydrogen in a hydroxyl group is substituted with an alkali metal, and has at least one kind from the group consisting of a hydrogen atom and an alkyl group having a carbon number of 1 to 10,

the former kind being bonded to aromatic ring at each of two positions where hydrogen atoms are bondable,

the latter kind being bonded to aromatic ring at each of the remaining positions where hydrogen atoms are bondable.

8. (Withdrawn) A battery comprising:

a cathode;

an anode; and

an electrolyte,

wherein the anode comprises a metal sheet which is a precipitation substrate for depositing metal and does not contain the metal to be deposited and a precipitation film made of a precipitate formed when depositing the metal on the metal sheet in an electrolytic solution containing an aromatic compound having at least one kind from a hydroxyl group and a group in which hydrogen in a hydroxyl group is substituted with an alkali metal.

9. (Withdrawn) A battery according to claim 8, wherein the aromatic compound has at least one kind from the group consisting of a hydroxyl group and a group in which hydrogen in a hydroxyl group is substituted with an alkali metal, and has at least one kind from the group consisting of a hydrogen atom and an alkyl group having a carbon number of 1 to 10,

the former kind being bonded to aromatic ring at each of two positions where hydrogen atoms are bondable,

the latter kind being bonded to aromatic ring at each of the remaining positions where hydrogen atoms are bondable.

10. (Withdrawn) A battery according to claim 8, wherein the metal to be deposited is lithium (Li).